

Work Order ID 95592

Tuesday, January 15, 2013 11:49:13 AM

95592

Ship today

Page 1

Item ID: D412-758-015

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: GPSMAP Top Mounted GPS Receiver Gimbal Mount

Stop ***NS2***

Start Date: 1/15/2013 Start Qty: 3.00 ***3***

Cust Item ID:

Required Date: 1/15/2013 Req'd Qty: 3.00 ***3***

Customer:

Reference:

Approvals: Process Plan: *mk*

Date: *13-1-15* Tooling:

Date:

Run Start ***NR1***

QC:

Date: SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
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IIN-D412-758	D
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100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP D412-758-015 CHG002

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

115

QC4- 100% Inspect kits for completeness

0.00

115

QC

Memo

0.00

Quality Control

MCS 13-01-15

130115
DAS 15 9-89

13-01-15 J0

DAS 15 9-89
13215

Work Order ID 95592

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95592

Page 2

Item ID: D412-758-015

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: GPSMAP Top Mounted GPS Receiver Gimbal Mount

Start Date: 1/15/2013 Start Qty: 3.00 ***3***

Cust Item ID:

Required Date: 1/15/2013 Req'd Qty: 3.00 ***3***

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120

0.00

120

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D412-758-015

Location: PG 122

PPP Rev: _____

④

130115

DAS
06
9-83

130

QC21- Final Inspection - Work Order Release

0.00

130

QC

Memo

0.00

Quality Control

MCJ 13-01-15

WVS
13-1-15

Picklist Print

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Page 1

Work Order ID: 95592

Parent Item: D412-758-015

Parent Item Name: GPSMAP Top Mounted GPS Receiver Gimbal Mount

Start Date: 1/15/2013

Required Date: 1/15/2013

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP rev:A 10.06.21 new issue DD verified by:EC
DD VERF:JLM

IPP REV:B 12.10.24 ECN 12-669

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
WN525-T0R9 Screw		Purchased	No			110	Each	48.0000	3	912	28		28
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST344		48							
				122378		48							
D3531-041 Bracket Assembly		Manufactured	No			110	Each	4.0000	1	122378	34	28	28
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST228		4							
				95216		4							
D2464 3/4 Seal		Manufactured	No			110	f	499.2953	1.05	95216	3.3157895	28	28
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST403		499.2953368							
				61878		83.6406							
				83543		415.654737							
D3525-1 Placard		Manufactured	No			110	Each	16.0000	1	83543	34	28	28
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST055		16							
				95207		16							
D3645-1 Washer		Manufactured	No			110	Each	104.0000	4	95207	1216	28	28
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST061		104							
				35025		4							
				95256		100							

3

13-01-15

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions
---	---	---

<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	
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Picklist Print

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Work Order ID: 95592

Parent Item: D412-758-015

Parent Item Name: GPSMAP Top Mounted GPS Receiver Gimbal Mount

Start Date: 1/15/2013

Required Date: 1/15/2013

Start Qty: 3.00

Required Qty: 3.00

AN525-10R10

Screw

Purchased

No

110

Each

133.0000

4

12-16 - JB

SP

SMD 4X

Location

Loc Qty

Loc Code

ST344

133

13536

58

19556

75

13536

NAS1149DN632J

Washer

Purchased

No

110

Each

289.0000

4

12-16 - JB

SP

SMD 4X

Location

Loc Qty

Loc Code

ST293

289

123900

289

123900

NAS1149D0363J

Washer

Purchased

No

110

Each

1,375.0000

7

12-28 - JB

SP

SMD 4X

Location

Loc Qty

Loc Code

FP001

9

123248

9

ST294

1366

122378

768

123355

598

122378

MS21042L06,

Nut

Purchased

No

110

Each

163.0000

4

12-16 - JB

SP

SMD 4X

Location

Loc Qty

Loc Code

ST314

163

122441

63

123900

100

122441

MS24693-S29

Screw

Purchased

No

110

Each

38.0000

4

12-16 - JB

13-01-15

SP

SMD 4X

Location

Loc Qty

Loc Code

ST301

38

103915

38

103915

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NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
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Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
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Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Picklist Print

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Work Order ID: 95592

Parent Item: D412-758-015

Parent Item Name: GPSMAP Top Mounted GPS Receiver Gimbal Mount

Start Date: 1/15/2013

Required Date: 1/15/2013

Start Qty: 3.00

Required Qty: 3.00

RAM-B-201U-A

Socket Arm, 1.75"

Purchased No

110 Each 12.0000

Location

Loc Qty

Loc Code

ST391

12

124273

12

RAM-B-202U

Round Plate Mount, Single 1" Ball

Purchased No

110 Each 12.0000

Location

Loc Qty

Loc Code

ST391

12

124273

12

RAM-B-217U

Round Plate Mount, Dual 1" Ball

Purchased No

110 Each 7.0000

Location

Loc Qty

Loc Code

ST391

7

120639

6

121391

1

MS210421-3

Nut

Purchased No

110 Each 4,171.0000

Location

Loc Qty

Loc Code

FP001

10

122141

10

GA

446

122452

446

ST314

268

117885

32

119017

55

119075

138

123265

43

ST506

3447

123900

3447

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5.0 PARTS LIST

QTY -011	QTY -013	QTY -015	Part Number	Description
X			D412-758-011	Bottom Mounted GPS Receiver Gimbal Mount
	X		D412-758-013	Top Mounted GPS Receiver Gimbal Mount
		X	D412-758-015	GPSMAP Top Mounted GPS Receiver Gimbal Mount
1			D3514-041	Bottom Mounted Gimbal Assembly
	1		D3514-043	Top Mounted Gimbal Assembly
			D3534-041	Bracket Assy.
	2	2	D2464-0066	Neoprene Seal
1	1	1	D3525-1	Placard
1			D3527-1	Support Arm
1			D3530-1	Base Plate
1			D3530-3	Mounting Plate
1	1		D3534-1	Doubler
	4	4	D3645-1	Washer
		3	AN525-10R9	Screw
	4	4	AN525-10R10	Screw
3			AN526-632R7	Screw (or MS35206-229)
3		4	NAS1149DN632J	Washer (Alternate p/n AN960JD6)
2	4	7	NAS1149D0363J	Washer (Alternate p/n AN960JD10)
3		4	MS21042L06	Nut
1		3	MS21042L3	Nut
4	4		MS24693-S27	Screw
1			MS27039-1-09	Screw
		4	MS24693-S29	Screw
		2	RAM-B-201U-A	Socket Arm, 1.75"
		2	RAM-B-202U	Round Plate Mount, Single 1" Ball
		1	RAM-B-217U	Round Plate Mount, Dual 1" Ball

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Revision: D

Date: 12.08.10